(19) World Intellectual Property Organization International Bureau

WHP!

(43) International Publication Date 9 June 2005 (09.06.2005)

PCT

(10) International Publication Number WO 2005/051937 A2

- (51) International Patent Classification⁷: C07D 307/68, 409/04, 409/10, A61K 31/381, A61P 3/06
- (21) International Application Number:

PCT/US2004/038920

(22) International Filing Date:

18 November 2004 (18.11.2004)

(25) Filing Language:

60/524,269

English

(26) Publication Language:

English

(30) Priority Data:

21 November 2003 (21.11.2003) US

- (71) Applicant (for all designated States except US): ARENA PHARMACEUTICALS, INC. [US/US]; 6166 Nancy Ridge Drive, San Diego, CA 92121-3223 (US).
- (72) Inventors; and

- (75) Inventors/Applicants (for US only): JUNG, Jae-Kyu [KR/US]; 16478 Camelas Walk, San Diego, California 92127 (US). SEMPLE, Graeme [GB/US]; 15920 Camino Codomiz, San Diego, CA 92127 (US). JOHNSON, Benjamin R. [GB/US]; 3415 Lebon Drive, No. 425, San Diego, CA 92122 (US).
- (74) Agents: SPRUCE, Lyle et al.; Arena Pharmaceuticals, Inc., 6166 Nancy Riege Drive, San Diego, California 92121-3223 (US).

- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: 4-OXO-4,5-DIHYDRO-FURAN-2-CARBOXYLIC AND ACID DERIVATIVES AND METHODS OF TREATMENT OF METABOLIC-RELATED DISORDERS THEREOF

(57) Abstract: System for selecting a colour shade comprising a very small number of colour display cards with mixed shades of two or more colours. The system comprises means for selecting one shade among mixed shades, means for presenting the selected mixed shade as well as means for specifying the selected mixed shade for making paint in the desired colour tone.